TABLE 3

Model fit indices for job importance latent class analysis models: 2017

(Number and percent)

Number of classes	aBIC	% decrease in aBIC	Entropy	% stability
1	251,123.12	na	1.00	100.0
2	169,609.31	32.5	0.70	100.0
3	125,393.80	26.1	0.75	53.9
4	93,411.35	25.5	0.80	59.3
5	75,821.29	18.8	0.79	100.0
6	68,315.29	9.9	0.79	100.0
7	62,767.00	8.1	0.79	92.5
8	59,180.94	5.7	0.80	5.9

na = not applicable.

aBIC = adjusted Bayesian Information Criterion.

Note(s):
Stability is based on 1,000 random starts.

Source(s):
National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2017.